Seiyed Mossa Hosseini

List of Publications by Year in Descending Order

39 papers	747 citations	16 h-index	26 g-index
42 ext. papers	956 ext. citations	5.5 avg, IF	4.93 L-index

#	Paper	IF	Citations
39	Graphitic carbon nitride-based composites for photocatalytic abatement of emerging pollutants **2022**, 175-214		1
38	Lake Urmia restoration success story: A natural trend or a planned remedy?. *Journal of Great Lakes Research*, **2021**, 47, 955-955	3	9
37	Integrated impacts of vegetation and soil type on slope stability: A case study of Kheyrud Forest, Iran. *Ecological Modelling*, **2021**, 446, 109498	3	4
36	Land subsidence: A global challenge. *Science of the Total Environment*, **2021**, 778, 146193	10.2	15
35	Linkage of geographically weighted regression with spatial cluster analyses for regionalization of flood peak discharges drivers: Case studies across Iran. *Journal of Cleaner Production*, **2021**, 310, 127526	10.3	5
34	Participatory approach in Aquifer Storage and Recovery management in Arid zones, does it work?. *Groundwater for Sustainable Development*, **2020**, 10, 100368	6	2
33	Influence of river cross-section data resolution on flood inundation modeling: Case study of Kashkan river basin in western Iran. *Journal of Hydrology*, **2020**, 584, 124743	6	14
32	Interaction of lake-groundwater levels using cross-correlation analysis: A case study of Lake Urmia Basin, Iran. *Science of the Total Environment*, **2020**, 729, 138822	10.2	12
31	Key factors affecting graphene oxide transport in saturated porous media. *Science of the Total Environment*, **2020**, 698, 134224	10.2	16
30	Normalized difference vegetation index as the dominant predicting factor of groundwater recharge in phreatic aquifers: case studies across Iran. *Scientific Reports*, **2020**, 10, 17473	4.9	12
29	Representative pumping wells network to estimate groundwater withdrawal from aquifers: Lessons from a developing country, Iran. *Journal of Hydrology*, **2019**, 578, 124090	6	3
28	Engineering nanomaterials for water and wastewater treatment: review of classifications, properties and applications. *New Journal of Chemistry*, **2019**, 43, 7902-7927	3.6	49
27	Assessment of sustainable groundwater resources management using integrated environmental index: Case studies across Iran. *Science of the Total Environment*, **2019**, 676, 792-810	10.2	22
26	Engineering Water and Solute Dynamics and Maximal Use of CNT Surface Area for Efficient Water Desalination. *ACS Omega*, **2019**, 4, 6826-6847	3.9	4
25	Vulnerability mapping of coastal aquifers to seawater intrusion: Review, development and application. *Journal of Hydrology*, **2019**, 570, 555-573	6	41
24	Large total area membrane of suspended single layer graphene for water desalination. *Desalination* , **2019**, 451, 160-171	10.3	25
23	Non-pumping reactive wells filled with mixing nano and micro zero-valent iron for nitrate removal from groundwater: Vertical, horizontal, and slanted wells. *Journal of Contaminant Hydrology*, **2018**, 210, 50-64	3.9	18

22	Density-based global sensitivity analysis of sheet-flow travel time: Kinematic wave-based formulations. *Journal of Hydrology*, **2018**, 559, 556-568	6	2
21	Sensitivity and fuzzy uncertainty analyses in the determination of SCS-CN parameters from rainfallRunoff data. *Hydrological Sciences Journal*, **2018**, 63, 457-473	3.5	9
20	Conceptualization of Karstic Aquifer with Multiple Outlets Using a Dual Porosity Model. *Ground Water*, **2017**, 55, 558-564	2.4	4
19	Impacts of Woody Biochar Particle Size on Porosity and Hydraulic Conductivity of Biochar-Soil Mixtures: An Incubation Study. *Communications in Soil Science and Plant Analysis*, **2017**, 48, 1710-1718	1.5	16
18	Spring hydrograph simulation of karstic aquifers: Impacts of variable recharge area, intermediate storage and memory effects. *Journal of Hydrology*, **2017**, 552, 225-240	6	15
17	Fuzzy vulnerability mapping of urban groundwater systems to nitrate contamination. *Environmental Modelling and Software*, **2017**, 96, 146-157	5.2	16
16	Integrating Support Vector Regression and a geomorphologic Artificial Neural Network for daily rainfall-runoff modeling. *Applied Soft Computing Journal*, **2016**, 38, 329-345	7.5	47
15	Development of a Direct Geomorphologic IUH Model for Daily Runoff Estimation in Ungauged Watersheds. *Journal of Hydrologic Engineering - ASCE*, **2016**, 21, 05016008	1.8	12
14	Transport of CMC-Stabilized nZVI in Saturated Sand Column: the Effect of Particle Concentration and Soil Grain Size. *Water, Air, and Soil Pollution*, **2016**, 227, 1	2.6	22
13	Integrating NZVI and carbon substrates in a non-pumping reactive wells array for the remediation of a nitrate contaminated aquifer. *Journal of Contaminant Hydrology*, **2015**, 179, 182-95	3.9	24
12	Comparative Assessment of Injection Strategies for Highly Concentrated Nano Fe/Cu Particles into Sand Columns. *Journal of Environmental Engineering, ASCE*, **2015**, 141, 04014077	2	1
11	Developing a fuzzy neural network-based support vector regression (FNN-SVR) for regionalizing nitrate concentration in groundwater. *Environmental Monitoring and Assessment*, **2014**, 186, 3685-99	3.1	17
10	Monthly karstic spring flow forecasting using a sequential gaussian simulation technique. *Environmental Earth Sciences*, **2014**, 72, 3531-3548	2.9	3
9	Transport and retention of high concentrated nano-Fe/Cu particles through highly flow-rated packed sand column. *Water Research*, **2013**, 47, 326-38	12.5	66
8	Numerical and Meta-Modeling of Nitrate Transport Reduced by Nano-Fe/Cu Particles in Packed Sand Column. *Transport in Porous Media*, **2012**, 94, 149-174	3.1	9
7	Comparison of spatial interpolation methods for estimating heavy metals in sediments of Caspian Sea. *Expert Systems With Applications*, **2011**, 38, 1632-1649	7.8	22
6	Nitrate reduction by nano-Fe/Cu particles in packed column. *Desalination*, **2011**, 276, 214-221	10.3	125
5	Comparison of Groundwater Level Estimation Using Neuro-fuzzy and Ordinary Kriging. *Environmental Modeling and Assessment*, **2009**, 14, 729-737	2	57

4	Development of reservoir operation policies considering variable agricultural water demands. *Expert Systems With Applications*, **2009**, 36, 4980-4987	7.8	26
3	A multifaceted quantitative index for sustainability assessment of groundwater management: application for aquifers around Iran. *Water International*,1-23	2.4	0
2	Effect of DEM resolution in flood modeling: a case study of Gorganrood River, Northeastern Iran. *Natural Hazards*,1	3	0
1	Quantifying lake–aquifer water exchange: the case of Lake Urmia, Iran. *Hydrological Sciences Journal*,1-16	3.5	0